BRUHATH BANGALORE MAHANAGARA PALIKE

Detailed Estimate for: Construction of Samudaya Bhavana near Manavarthi thota at pump house in ward No- 02 of yelahanka Sub Division.

Estimated cost 1990000.00

Sl. No.	Description of work	No		Dimension L	B	D	Qty	Rate	Unit	Amount
	Civil Work									
1	KSRB 2-1.2: Earthwork in surface excavation in hard soil for levelling and lowering the ground manually (other than foundation of buildings, culverts, road drains and trenches of pipe lines and cables) and removing the excavated stuff to a distance not exceeding 50m and lift upto 1.5m excavated surface levelled and neatly dressed as per specifications. No. (P.5/2.2)									
	Basic Rate	140.00								
	Area Weightage 6%	8.40								
	Total Rate	148.40								
	Site Area	1	1	16.50	8.50	0.15	21.04			
				Total Net QTY			21.04	148.40	CUM	3122.00
2	KSRB 2-2.2: Earthwork excavation for foundation of buildings, waterr supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in ordinary soil not exceeding 1.5m. In depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50m after breaking clods complete as per specifications, specification No. KBS 2.1(b)/2.3.5 (P. 5/2.4)									
	Basic Rate	187.00								
	Area Weightage 6%	11.22								
	Total Rate	198.22								
	For columns	1	10	1.50	1.50	1.50	33.75			
	for portico	1	2	1.00	1.00	1.00	2.00			
	For walls	1	2	16.67	0.90	1.20	36.01			
		1	2	6.87	0.90	1.20	14.84			
	Sump	1	1	2.26	2.26	1.80	9.19			
	Tiolet	1	2	4.90	0.75	0.80	5.88			
		1	2	1.65	0.75	0.80	1.98			
	Compound wall	1	2	20.52	0.75	1.00	30.78			
		1	2	12.02	0.75	1.00	18.03			
	platfrom	1	2	8.00	2.00	0.45	14.40			
		1	2	20.00	2.00	0.45	36.00			
		1	2	20.00	0.60	0.60	14.40			
		1	2	8.00	0.60	0.60	5.76			
	for dias	1	1	6.64	0.75	0.60	2.99			
							226.01			
	Deductions									
	Deduct column portion	1	10	1.50	0.90	1.20	16.20			
							16.20			
				Total QTY			209.81	198.22	CUM	41588.00

AA710

Sl. No.	Description of work	No		Dimension L	B	D	Qty	Rate	Unit	Amount
3	KSRB-3.2: Providing and injecting chemical emulsion for Preconstructional Anti-Termite treatment, creating continous chemical barrier under and around the column pits, walls, trenches, basement excavation, top surface of the plinth filling, junction of wall and floor, along the external perimeterr of building, expansion joints, over the top surface of consolidated earth on which apron is to be laid, surrounding of pipes and conduits, with chloropyriphos emulisifiable concentrates of 20% concentration, including cost of chemical, diluting in water to one percent specifications. (Plinth area of the building at ground floor only shall be measured) Specification No. KBS: 3.2.6/3.2.7 (P. 11/3.20)									
	Basic	94.76								
	Area Weightage 6%	5.6856								
	Total rate	100 45								
	For wall sides	1	2	16 67		1 20	40 01			
	For walls Bottom	1	2	16 67	0 90		30 01			
		1	2	6 87		1 2	0 00			
		1	2	6 87	0 90					
	Sump	1	4	2 26		1 80	16 27			
	Sump	1	1	2 26	2 26		5 11			
							91 39			
	Deductions									
	Columns portion	2	10	(1 5+1 5)		1 20	72 00			
	Columns portion Bed	1	10	1 50		0 90	13 50			
							85 50			
				Total Qty			5.89	100.45	SQM	592.00
4	KSRB 4-1.3 Providing and laying in position plain cement concrete of mixed 1:4:8 using 40mm and down size graded granite metal machine mixed concrete laid layers not exceeding 15 cms thick, well compacted, in foundation and plinth cost of all materials labour , HOM of machinery , curing complete as per specifications Specification No No.KBS 4.1, 4.2. for leveleing Course in Foundation [Page 12 Item 4.3]									
	Basic	3597.00								
	Area Weightage 6%	215.82								
	Total rate	3812 82								
	Hall	1	1	15.54	7.54	0 15	17 58			
	Columns	1	10	1 50	1 50	0 20	4 50			
	For walls	1	2	16 67	0 90	0 15	4 50			
		1	2	6 87	0 90	0 15	1 85			
	Sump	1	1	2 26	2 26	0 20	1 02			
	Tiolet	1	2	4 90	0.75	0 15	1 10			
		1	2	1 65	0.75	0 15	0 37			

Sl. No.	Description of work	No		Dimension L	B	D	Qty	Rate	Unit	Amount
	Compound wall	1	2	20.52	0.75	0.15	4.62			
		1	2	12.02	0.75	0.15	2.70			
	platfrom	1	2	8.00	0.60	0.15	1.44			
		1	2	20.00	0.60	0.15	3.60			
		1	2	8.00	2.00	0.15	4.80			
		1	2	20.00	2.00	0.15	12.00			
							60.09			
	Deductions									
	column portion	1	8	1.50	0.90	0.15	1.62			
							1.62			
				Total Qty			58.47	3812.82	Cum	222929.00
5	KSRB 4.2.2 Providing and laying in position reinforced cement concrete mix 1:1.5:3 with 20mm and d downsize graded granite metal machine mixed concrete laid layers not exceeding 15 cms thick, vibrated for all works) in foundation and plinth and ground floor level for retaining walls (any thickness) including attached plasters, columns piers abutments pillars posts struts buttresses string or lacing courses parapets coping bed blocks anchor blocks, plani window cills fillets,etc including cost of all materials labour HOM of machinery curing complete as per specifications Specification NO KBS 4.1,4.6 (Page No.12 Item No. 4.11)									
	Basic	4851.00								
	Area Weightage 6%	291.06								
	Total rate	5142.06								
	Columns footing	1	10	1.20	1.20	0.60	8.64			
	Columns upto parapet level	1	10	0.45	0.23	5.10	5.28			
	Lintel for main wall	1	2	16.00	0.23	0.20	1.47			
		1	2	7.54	0.23	0.20	0.69			
	columns for portico	1	2	0.45	0.23	3.10	0.64			
	Staircase waste slab	1	2	1.20	1.75	0.10	0.42			
	Staircase Landing	1	2	1.20	1.20	0.10	0.29			
	Staircase Steps	0.5	20	1.20	0.30	0.15	0.54			
	Sump	1	1	2.26	2.26	0.15	0.77			
				Total QTY			18.74	5142.06	CUM	96362.00
6	Providing and contructing granite/trap/basalt size stone masonary in foundation with cement mortar 1:6 stone hammerd dressed in coarses not less than 20 cm high bond stone at 2m apart in each coarse including cost of materials ,labour ,curing complete as per specifications [P.No-21 I.No-5.60]									
	Basic	2557.00								
	Area Weightage 6%	153.42								
	Total rate	2710.42								
	Foundation for main wall									
	1st footing	1	2	16.52	0.75	0.60	14.87			

Sl. No.	Description of work	No		Dimension L	B	D	Qty	Rate	Unit	Amount
	2nd footing	1	2	16.32	0.60	0.40	7.83			
		1	2	7.02	0.75	0.60	6.32			
		1	2	7.17	0.60	0.40	3.44			
	Tiolet	1	2	5.50	0.60	0.40	2.64			
		1	2	1.80	0.60	0.40	0.86			
	Compound wall	1	2	20.37	0.60	0.60	14.67			
		1	2	12.17	0.60	0.60	8.76			
	For platform	1	2	20.00	0.45	0.60	10.80			
		1	2	7.55	0.45	0.60	4.08			
	Dias	1	1	6.94	0.45	0.75	2.34			
							76.61			
	Deductions									
	column portion(1st footing)	1	10	1.20	0.75	0.60	5.40			
	column portion(2nd footing)	1	10	0.60	0.45	0.45	1.22			
							6.62			
							70.00	2710.42	CUM	189725.00
7	Providing and contructing **granite/trap/basalt size stone masonary in basement** with cement mortar 1:6 stone hammerd dressed in coarses not less than 15 cm high bond stone at 2m apart in each coarse including cost of materials ,labour ,curing complete as per specifications [P.No-21 I.No-5.90]									
	Basic	2985.00								
	Area Weightage 6%	179.1								
	Total rate	3164.10								
	Basement	1	2	16.22	0.45	0.40	5.84			
	Basement	1	2	7.32	0.45	0.40	2.64			
	Tiolet	1	2	5.35	0.45	0.40	1.93			
		1	2	1.95	0.45	0.40	0.70			
		1	1	4.45	0.45	0.40	0.80			
		1	3	1.05	0.45	0.40	0.57			
	Compound wall	1	2	20.22	0.45	0.40	7.28			
		1	2	12.32	0.45	0.40	4.44			
							24.18			
	Deductions									
	column portion	1	10	0.45	0.23	0.40	0.41			
							0.41			
							23.77	3164.10	CUM	75213.00
8	Providing **flush pointing to sqaure rubble,coarse or uncoarsed stone masonary** with cement mortar 1:3 ,20mm deep after raking joints to depth of 20mm nicely lining ,including cost of materials ,labour ,curing complete as per specifications [P.No-96 I.No-15.1]									
	Basic	66.10								

No	Description of work	No		Dimension L	B	D	Qty	Rate	Unit	Amount
	Area Weightage 6%	3.97								
	Total rate	70.07								
	Basement	1	2	16.22		0.40	12.98			
		1	2	7.32		0.40	5.86			
	Tiolet	1	2	5.35		0.40	4.28			
		1	2	1.95		0.40	1.56			
	Compound wall	1	2	20.22		0.40	16.18			
		1	2	12.32		0.40	9.86			
	Dias	1	1	6.94		0.75	5.21			
							55.91	70.07	SQM	3917.00
9	Providing and laying in position plain cement concrete **1:2:4 mixed with stone aggregate 20mm** and downsize in foundation upto a depth of 2m below ground level and upto a height of 1.5m above ground level/bed level machine mixed,concrete layed in layers not exceeding 15 cm thick well compacted ,cost of all materials ,labour ,HOM of machinaries,curing complete as per specifiactions.[P.No-12 I.No-4.6]									
	Basic	4083.00								
	Area Weightage 6%	244.98								
	Total rate	4327.98								
	Plinth	1	2	16.22	0.45	0.20	2.92			
	Plinth	1	2	7.32	0.45	0.20	1.32			
	Tiolet	1	2	5.35	0.45	0.10	0.48			
		1	2	1.95	0.45	0.10	0.18			
		1	1	4.45	0.45	0.10	0.20			
		1	3	1.05	0.45	0.10	0.14			
	Compound wall	1	2	20.22	0.45	0.10	1.82			
		1	2	12.32	0.45	0.10	1.11			
	Dias	1	1	6.94	0.45	0.10	0.31			
							8.48			
	Deductions									
	column portion	1	10	0.45	0.23	0.20	0.21			
							0.21			
							8.27	4327.98	CUM	35793.00
10	**KSRB.2.3 Filling available excavated earth (excluding rock) in sides of foundations upto plinth in layers not exceeding 20cms. in depth, compacting each deposited layer by ramming after watering with alead upto 50m. and lift upto 1.5m. including cost of all labour complete as per specifications NO KBS 2.9 (Page No.6 Item No. 2.10)**									
	Basic	84.00								
	Area Weightage 6%	5.04								
	Total rate	89.04								
	Dias	1	1	7.54	3.00	1.00	22.62			

Sl. No.	Description of work	No		Dimension L	B	D	Qty	Rate	Unit	Amount
	Hall	1	1	12.10	7.54	0.40	36.49			
	Foundation trenchs 1st footing	1	2	16.52	0.15	0.60	2.97			
	Foundation trenchs 2nd footing	1	2	8.37	0.30	0.45	2.26			
	Tiolet	1	1	4.90	2.40	0.30	3.53			
				Total QTY			67.88	89.04	CUM	6044.00
11	KSRB 4-6.6: Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for sides and soffits of beams, beam haunchings, cantilever girders, breassumers and lintels not exceeding 1m in depth including cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2 (P. 15/4.34)									
	Basic	206.00								
	Area Weightage 6%	12.36								
	Total rate	218.36								
	all round beam	1	2	16.00		0.60	19.20			
		1	2	7.54		0.60	9.05			
	Portico beams	1	1	4.00		0.23	0.92			
		1	2	2.50		0.23	1.15			
				Total QTY			30.32	218.36	SQM	6620.00
12	KSRB 4-6.2: Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for flat surface such as suspended floors, roofs, landings, nalconies and likes, thickness upto 200mm including cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2 (P. 14/4.29)									
	Basic	240.00								
	Area Weightage 6%	14.4								
	Total rate	254.40								
	Roof	1	1	16.00		8.00	128.00			
	Portico	1	1	4.00		2.50	10.00			
				Total QTY			138.00	254.40	SQM	35107.00
13	KSRB 4-6.1: Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for foundations, footings, bases of columns for mass concrete including cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2 (P. 14/4.28)									
	Basic	187.00								
	Area Weightage 6%	11.22								
	Total rate	198.22								
	Column footing	1	10	(1.20+1.20) X 2		0.60	28.80			
							28.80	198.22	SQM	5709.00

No.	Description of work	No		Dimension L	Dimension B	Dimension D	Qty	Rate	Unit	Amount
14	KSRB 4-6.6: Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for columns, pillars, pier, post and struts, cicrcular or curved in plan including attached pilasters, buttresses, plinth and string courses cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2 (P. 15/4.33)									
	Basic	663.00								
	Area Weightage 6%	39.78								
	Total rate	702.78								
	Columns	1	10	(0.45+0.23) X 2		4.95	67.32			
				Total QTY			67.32	702.78	SQM	47311.00
15	KSRB 4-6.10: Providing and removing centering, shuttering, strutting, propping etc., for chajjas, corbels etc., including edges including cost of all materrials, labour complete as per specification. Specification No. KBS 4.6.2 (P. 15/4.37)@149/-									
	Basic	204.00								
	Area Weightage 6%	12.24								
	Total rate	216.24								
	Window - W	1	8	2.00		0.60	9.60			
	Ventilator	1	8	1.20		0.60	5.76			
	Entrence Door	1	1	2.00		0.60	1.20			
	Loft	1	2	12.10		0.60	14.52			
				Total QTY			31.08	216.24	SQM	6721.00
16	KSRB 4-6.10: Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for stairs case (excluding landing) except spiral staircase including cost of all materrials, labour complete as per specification. Specification No. KBS 4.6.2 (P. 15/4.38)									
	Basic	374.00								
	Area Weightage 6%	22.44								
	Total rate	396.44								
	Staircase waste slab	1	2	1.2	1.75		4.20			
	For landing portion	1	2	1.2	1.2		2.88			
				Total QTY			7.08	396.44	SQM	2807.00
17	KSRB 4.2.11 Providing and laying in position reinforced cement concrete of mix 1:1.5:3 (M20) with 12mm and down size graded granite metal, machine mixed, well compacted for **plain chajja of 7.5 cms**, average thickness, upto ground floor level, including cost of all materials, labour HOM of machinery, finishing, curing complete as per specifications. Specification No. KBS 4.1, 4.6 (P. 13/4.19)									
	Basic	355.00								
	Area Weightage 6%	21.3								
	Total rate	376.30								
	Window - W	1	8	2.00	0.60		9.60			
	Ventilator	1	8	1.20	0.60		5.76			
	Tiolet	1	1	4.90	0.60		2.94			

Sl. No.	Description of work	No		Dimension L	B	D	Qty	Rate	Unit	Amount
	Loft	1	2	12.00	0.60		14.40			
				Total QTY			32.70	376.30	SQM	12305.0
18	KSRB 6-2.3: Providing and constructing burnt brick masonry with approved quality of non-modular bricks of standard size of class designation 50 (table moulded) with cement mortar 1:6 for basement and superstructure including cost of materials, labour charges, scaffolding, curing complete as per specifications. Specification No. KBS 6.2 (P. 25/6.60)									
	Basic	4512.00								
	Area Weightage 6%	270.72								
	Total rate	4782.72								
	Main wall	1	2	16.00	0.23	4.00	29.44			
		1	2	7.54	0.23	4.00	13.87			
	Parapet wall	1	2	16.00	0.23	0.75	5.52			
		1	2	7.54	0.23	0.75	2.60			
	Entrence stairs	1	2	4.00	0.90	0.60	4.32			
	Sump	1	4	2.03	0.23	1.65	3.08			
	Tiolet	1	2	5.13	0.23	3.00	7.08			
		1	3	1.30	0.10	3.00	1.17			
	Compound wall	1	2	20.00	1.50	0.23	13.80			
		1	2	12.54	0.23	1.50	8.65			
	Pillers	2	9	0.60	0.60	1.50	9.72			
		2	5	0.60	0.60	1.50	5.40			
							104.66			
	Deductions									
	column portion	1	10	0.45	0.23	4.00	4.14			
	Door - D	1	1	2.00	0.23	2.10	0.97			
	Window - W	1	8	2.00	0.23	1.50	5.52			
	Ventilator	1	8	0.90	0.23	0.60	0.99			
	Lintel	1	2	16.00	0.23	0.20	1.47			
		1	2	7.54	0.23	0.20	0.69			
	Tiolet	1	4	0.75	0.23	2.10	1.45			
	Pillers	2	9	0.23	0.23	1.50	1.43			
		2	5	0.23	0.23	1.50	0.79			
							17.46			
				Total QTY			87.20	4782.72	CUM	417064.00
20	KSRB 4.9.2: Providing TMT steel reinforcement for RCC work including straightening, cutting, bending, hooking, placing in position, lapping and/or welding wherever required, tying with binding wire and anchoring to the adjoining members whereverr necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications, Specification No. KBS 4.6.3 (P. 16/4.46)									
	120 kg / cum of concrete QTY	1	1	52.06	120.00	Kg/ Cum	6246.90			
				Total Wt in Kgs			6246.90			

Description of work	No		Dimension L	B	D	Qty	Rate	Unit	Amount
			Total Wt in Qntl			62.47	6781.00	Qntl	423603.00
Providing and layingcement concrete by pumping using 20mm and down size granite jelly of ready mixed concrete M20 (1:1.5:3) (RMC) for R.C.C works laid in 15 cms thick layers and well compacted vibrating,curing,finishing with necessary cement mortar, with all lead and lift etc., complete(exclusive of cost of steel and fabrication charges (Page No.17 Item No. 4 49 1)									
Basic	5222.00								
Area Weightage 6%	313.32								
Total rate	5535.32								
all round beam	1	2	16.00	0.23	0 60	4 42			
	1	2	7.54	0.23	0 60	2.08			
	1	6	7.54	0 23	0 60	6 24			
Portico beams	1	1	4.00	0 23	0 23	0 21			
	1	2	2 50	0 23	0 23	0 26			
Roof	1	1	16 00	8 00	0 15	19 20			
Toilet	1	1	5.15	1.75	0.10	0 90			
			Total QTY			33.32	5535 32	CUM	184423.00
KSRB 9 4-4: Providing Sal wood frames of doors, windows, clerestory windows, ventilators and other frames, wrought, framed or assembled including making plaster groves(excluding cost of cement concrete and side clamps), but including cost of materials, labour, HOM of machineries complete as per specifications.[P.No.-44 I.No.-9.13]									
Basic	42863.00								
Area Weightage 6%	2571.78								
Total rate	45434.78								
Main door - D	1	2	2.00	0.10	0.12	0.05			
D	1	2	0.10	0.12	2.10	0.05			
Toilet	1	4	0.75	0.12	2.10	0.76			
Windows - W	8	2	2.00	0.10	0.12	0.38			
W	8	2	0.10	0.12	1.50	0.29			
Ventilator - V	1	8	1.20	0.10	0.12	0.12			
V	1	8	0.10	0.12	0.60	0.06			
						1.70	45434.78	CUM	77203.00
KSRB 9-9.1: Providing and fixing in position fully panelled Honne wood shutters for doors, styles and rails of 40mm, thick with bottom and lock rails 180mm wide top rail and styles 100mm wide as per drawing and panels of 25mm thick, including cost of materials, labour, HOM of machineries complete as per specificaions, (excluding cost of fixtures) Specification No. KBS 9.34 (P. 45/9.15)									
Basic	3278.00								
Area Weightage 6%	196.68								
Total rate	3474.68								

Sl. No.	Description of work	No		Dimension L	B	D	Qty	Rate	Unit	Amount
	D	1	2	2.00		2.10	8.40			
	Tiolet	1	4	0.75		2.10	6.30			
							14.70	3474.68	SQM	51078.0
25	Providing and fixing in position **fully glazed shutters for windows shutters with Honne wood** styles and rails of 25mm, thick with 75mm wide in singke shutter with 4mm thick plain glass bottomfixed with wooden beading including cost of materials, labourcharges, HOM of machinares complete as per specifications (excluding cost of fixtures) [P No -50 I No -9 73]									
	Basic	1916.00								
	Area Weightage 6%	114.96								
	Total rate	2030 96								
	Windows - W	1	8	2 00		1 50	24 00			
	Ventilator	1	8	0 90		0 60	4 32			
							28.32	2030 96	SQM	57517.0
26	KSRB 7 9 Providing and fixing **M.S. grill work for windows and ventilators** weighting **21 Kg/sqm** M S flats or M S square rods, or combination of M S flats and square rods as per approved design, drawing including cutting steel sections and welding the same to required pattern with a coat of red lead primer, cost of materials, fixtures, labour and HOM of machinery complete as per specifications Specification No KSB 7 12 (P 30/7 9)									
	Basic	87.00								
	Area Weightage 6%	5.22								
	Total rate	92 22								
	Window - W	1	8	2 00		1 50	24 00			
	Ventilator	1	8	0 90		0 60	4 32			
	Tiolet	1	4	0 90		0 60	2 16			
				21kg/sqm			30.48	92 22	Kgs	2811.00
27	Providing **12mm thick cement plaster in single coat with cement mortar 1:6, to brick masonry** including rounding off corners wherever required smooth rendering, Providing and removing scaffolding, including cost of materials, labours, curing complete as per specifications. [P No -96 I.No.-15.11]									
	Basic	103.00								
	Area Weightage 6%	6.18								
	Total rate	109.18								
	Internal wall Plastering	1	2	15.54		4.00	124.32			
		1	2	7.54		4.00	60.32			
	Sump	1	4	2.03		1.65	13.40			
	Tiolet	1	4	1.50		3.00	18.00			
		1	4	1.10		3.00	13.20			
				Total Grass QTY			229.24			
	Deductions									

Description of work	No		Dimension L	B	D	Qty	Rate	Unit	Amount
Main door	1	1	2.00		2.10	4.20			
Window - W	1	8	2.00		1.50	24.00			
Ventilator	1	8	0.90		0.60	4.32			
Toilet	1	4	0.75		2.10	6.30			
			Total Deduction			32.52			
			Total Net QTY			**196.72**	109.18	SQM	**21478.00**
Providing **12mm thick cement plaster in single coat with cement mortar 1:3, to ceiling** including rounding off corners wherever required smooth rendering. Providing and removing scaffolding, including cost of materials, labours, curing complete as per specifications. [P.No -97 I.No -15.21]									
Basic	139.00								
Area Weightage 6%	8.34								
Total rate	147.34								
For ceiling	1	1	15.54	7.54		117.17			
	1	4	1.50	1.10		6.60			
						123.77	147.34	SQM	**18237.00**
Providing **lime rendering for plastering** to wall and ceiling , including cost of materials, labour, curing complete as per specification [P.No.-98 I.No.-15.33]									
Basic	15.80								
Area Weightage 6%	0.95								
Total rate	16.75								
						123.77			
						123.77	16.75	SQM	**2073.00**
Providing **12mm thick cement plaster in single coat with cement mortar 1:4**, to brick masonry including rounding off corners wherever required smooth rendering. Providing and removing scaffolding, including cost of materials, labours, curing complete as per specifications. [P.No -96I.No -15.10]									
Basic	117.00								
Area Weightage 6%	7.02								
Total rate	124.02								
External wall Plastering	1	2	16.00		4.00	128.00			
	1	2	8.00		4.00	64.00			
Parapet wall	1	2	16.00		0.75	24.00			
	1	2	8.00		0.75	12.00			
Toilet	1	1	5.15		3.00	15.45			
	1	2	2.00		3.00	12.00			
compound wall	1	2	20.00		1.50	60.00			
	1	2	13.00		1.50	39.00			
	1	2	19.54		1.50	58.62			
	1	2	12.54		1.50	37.62			

Sl. No.	Description of work	No		Dimension L	B	D	Qty	Rate	Unit	Amount
				Total Grass QTY			450.69			
	Deductions									
	Main door	1	1	2.00		2.10	4.20			
	Window - W	1	8	2.00		1.50	24.00			
	Ventilator	1	8	0.90		0.60	4.32			
	T Door	1	4	0.75		2.10	6.30			
	T Vent	1	4	0.90		0.60	2.16			
				Total Deduction			40.98			
				Total Net QTY			409.71	124.02	SQM	50812.0
32	KSRB 10-3 Providing and laying integral cement based waterproofing treatment including preparation of surface as required for treatment of roofs, balconies, terraces etc., consisting of following application. (a) Applying and grouting a slurry coat of neat cement using 2.75 Kf/Sqm of cement admixed with proprietary water proofing compound conforming to IS 2645 over the RCC slab after cleaning the surface before treatment (b) laying cement concrete using broken brick bats 25mm to 100mm size with 50% of cement mortar 1:5 admixed with proprietary water proofing compound conforming IS 2645 over 20mm thick layer of cement mortar 1:5 admixed with proprietary water proofing compound to required slope and treating similary the adjoining walls upto 300mm height including rounding off junctions of walls and slabs (c) After two days of proper curing, applying a second coat of cement slurry admixed with proprietary water proofing compound (d) Finishing the surface with 20mm thick jointless cement mortar of mix 1:4 admixed with proprietary water prrofing compound and finally finishing									
	the surface with trowel and neat cement slurry and making of 300x300mm square (e) The whole terrace so finished shall be floded with water for a minimum period of two weeks for curing and for final test including cost of materials labour complete as per specifications (P. 56/10.3)									
	Basic	650.00								
	Area Weightage 6%	39.00								
	Total rate	689.00								
	Sump	1	4	2.03	1.65		13.40			
							13.40	689.00	SQM	9231.00
33	Providing and laying flooring using prepolished water cut/ gang saw 19mm thick grey granite laid over existing floor in CM 1:4 at 20mm thick (Average) and pointed with white /gey pigment etc complete.[P.No.93 I.No.-14.47.1]									
	Basic	1612.00								
	Area Weightage 6%	96.72								

Description of work	No		Dimension L	B	D	Qty	Rate	Unit	Amount
Total rate	1708.72								
Hall	1	1	15.54	7.54		117.17			
			Total QTY			117.17	1708.72	SQM	200213.00
Providing flooring with **25mm to 40mm thick polished cadapa slabs** using cement mortar 1:6, 25mm thick over existing cement concrete bed or top of roof laid to line and level and jointed with cement slurry mixed with pigment to match the shade of the slab including cost of materials, labour,curing,polishing complete as per specifications [P.No.-89 I No.-14.17]									
Basic	779.00								
Area Weightage 6%	46.74								
Total rate	825.74								
Staircase - Tread	1	3	4.00		0.30	3.60			
Staircase - Raiser	1	4	4.00		0.15	2.40			
Staircase - landing	1	1	1.20		1.20	1.44			
plateform	1	2	8.00		2.00	32.00			
	1	2	20.00		2.00	80.00			
			Total Net QTY			119.44	825.74	SQM	98626.00
KSRB 14-17 2. **Providing skirting dado, rises of steps** with colour glazed tiles 20X20 cms 6mm thick on 10mm thick cement plaster 1:3 and jointed with white cement slurry over rough plaster surface (excluding cost of rough plastered surface which should be measured and paid separately) using glazed tiles of approved make and size including cost of materials, labour complete as per specifications Specification No. KBS 14.16, 14.17 (P. 93/14.42)									
Basic	1726.00								
Area Weightage 6%	103.56								
Total rate	1829.56								
Toilet wall	1	4	(1.80+1.20)		2.10	25.20			
Toilet floor	1	4	1.80	1.20		8.64			
						33.84			
Deductions									
D1	1	4	0.75		2.10	6.30			
Ventilator	1	4	0.90		0.60	2.16			
			Total Deduction			8.46			
			Total Net QTY			25.38	1829.56	SQM	46434.00
36 **Fixtures** for doors and windows Page No V									
Doors									
Hinges 5" heavy duty	1	6				6.00	25.00	Each	150.00
Door Lock	1	2				2.00	250.00	Each	500.00
MS Clamps	1	12				12.00	30.00	Each	360.00
Tower bolt 300 mm long	1	5				5.00	86.00	Each	430.00
Handles powder coated 150mm	1	4				4.00	50.00	Each	200.00

Sl. No.	Description of work	No		Dimension L	B	D	Qty	Rate	Unit	Amount
	Brass screws 25mm	1	40				40.00	2.00	Each	80.0
	Windows and ventilators									
	Hinges 5" heavy duty	8	5				40.00	25.00	Each	1000.0
	Bottom lock nail	8	3				24.00	41.00	Each	984.0
	MS Clamps	8	4				32.00	30.00	Each	960.0
	Center pully	8	3				24.00	75.00	Each	1800.0
	Brass screws 25mm	8	40				320.00	2.00	Each	640.0
37	KSRB 15-17.2 Applying **priming coat over new wood surface** and wood based surface after brushing with wood primer pnic paint including preparing the surface after throughly cleaning oil, grease, dirt and foreign matter, sand papering and knotting ready mix paint including cost of materials labour, complete aas per specifications [BCSR P 101 I No 15.56]									
	Basic	23.00								
	Area Weightage 6%	1.38								
	Total rate	24.38								
							43.02			
							43.02	24.38	SQM	1049.00
38	KSRB 15-17.6 Providing and applying **painting two coats (excluding priming coat) on new wood** surface and/or wood based surface with enamel paint to give an even shade, cleaning the surface of all dirt, dust and foreign matter, sand paperring including cost of materials labour complete as per specifications -do- (P 102/15.60.1)									
	Basic	71.00								
	Area Weightage 6%	4.26								
	Total rate	75.26								
							43.02			
							43.02	75.26	SQM	3238.00
39	KSRB 15-14.2 Providing and applying **painting in two coats with plastic emulsion paint** of approved brand and shade on surface to give an even approved shaed after throughly brushing the surface, free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour, complete as per specifications [P 100 No 15.51.2]									
	Basic	68.00								
	Area Weightage 6%	4.08								
	Total rate	72.08								
	Internal wall painting		1	123.77			123.77			
				Total QTY			123.77	72.08	SQM	8921.00

Description of work	No	Dimension L	B	D	Qty	Rate	Unit	Amount
KSRB 15-16.1 **Providing and finishing external walls in two coats with water proof cement paint** of approved brand and shade to give an even shade after truly brooming the surface to remove all drit and loose powdered material free from mortar drops and other foreign matters cost of materials labours complete as per specifications with primer [P.No.-101 No 15.53.2]								
Basic	62.00							
Area Weightage 6%	3.72							
Total rate	65.72							
	External wall surface				409.71			
					409.71	42.40	SQM	**17372.00**
					Total cost of Building			1778652.00
WATER SUPPLY AND SANITARY WORKS								
KSRB 13-1.3 : Providing and **fixing to wall, ceiling and floor unplasticised PVC pipes 10.0 kgf/sq.cm working pressure 25mm outside diameter** chemp plast/Wavin or equivalent make with pipe fittings, wall clips making good the wall ceiling and floor including cost of all materials, labour charges, HOM of equipments and testing specification No. KBS 13.2.15.4/13.9 (P.82/13.76)								
Basic	75.00							
Area Weightage 6%	4.50							
Total rate	79.50							
	1	1	100.00		-	100.00		
						100.00	79.50	mtr	**7950.00**
2 KSRB 12-13: providing and laying in position to required level or slope 200mm internal diameter salt glazed **stoneware pipes grade A** and jointing with stiff mixture of cement mortar in proportion of 1:1 testing of pipes and joints, including cost of specification No. KBS 12.2.5/12.7 (P. 59/11.3)								
Basic Rate	436.00							
Area Weightage 6%	26.16							
Total Rate	462.16							
Alround Building	1	1	50.00	-		50.00		
						50.00	462.16	mtr	**23108.00**
3 KSRB 11-11.6 : Providing and fixing white vitreous china clay, angle back **wash basin size 600x480mm** with a single 15mm C.P. brass pillar tap with CI / MS brackets 32mm CP brass waste of standard pattern, painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications No. KBS 11 (P. 68/12.28)								
Basic Rate	2100.00							
Area Weightage 6%	126.00							

Sl. No.	Description of work	No		Dimension L	B	D	Qty	Rate	Unit	Amount
	Total Rate	2226.00								
	For Toilet	1	4				4.00			
							4.00	2226.00	Unit	8904.00
4	KSRB 11-11.6 : Providing and fixing **SAIL stainless steel high glos kitchen sink** conforming to IS 13983 : 1994 of size 400 X 470mm bowl depth 180mm, without drain board, M.S / C.I brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications (P. 69/12.38)									
	Basic Rate	4803.00								
	Area Weightage 6%	288.18								
	Total Rate	5091.18								
	For Toilet	1	4				4.00			
							4.00	5091.18	Unit	20365.00
5	KSRB 11-5: Providing and fixing **white vitreous china clay, water closet Indian type (squatting pan) of size 580mm with footrests,**100mm S or P trap, 10 litre low level,PVC flushing cistern (all are approved make) with fittings CI/MS brackets, 32mm diameter flush bend with fittings and clamps, overflow arrangements with special and 25mm mosquito proof coupling of approved design, painting of fittings and brackets, cuttings and making good the wall and floor wherever required including cost of materrials labour complete as per specification, specification No. KBS 11 (P. 66/12.1)									
	Basic Rate	2644.00								
	Area Weightage 6%	158.64								
	Total Rate	2802.64								
	For Toilet	1	4				4.00			
							4.00	2802.64	Each	11211.00
6	KSRB 12-8.1 : Constructing brick masonry **inspection chamber 455x610mm, and 450mm depth,** (clear inside dimension) for single pipeline, using table moulded non-modular bricks of class designation 50 in cement mortar 1:5, CI cover with frame (light duty) 455x610mm internal dimensions, total weight of cover with frame to be less than 38 Kg (weight of cover 23 Kg and weight of frame 15 Kg) RCC top slab with cement concrete 1:2:4 mix 20mm and downsize granite metal inside plastering 12mm thick with cement on walls and bed concrete complete as per standard design including cost of materials, labour charges curring complete as per specification. (P. 62/11.50)									
	Basic Rate	5118.00								
	Area Weightage 6%	307.08								
	Total Rate	5425.08								
		1	4				4.00			

Description of work	No		Dimension L	B	D	Qty	Rate	Unit	Amount
						4.00	5425.08	Nos	21700.00
KSRB 11-15.5 : Providing and fixing 1500x450mm dia **rectangular shape mirror** with plastic moulded frame of approved make and shade with 6mm thick hard board backing including cost of materials labour complete as per specifications. (P. 70/12.43)									
Basic Rate	1202.00								
Area Weightage 6%	72.12								
Total Rate	1274.12								
For Toilet	1	1				1.00			
						1.00	1274.12	unit	1274.00
KSRB 11-17-1 : Providing and fixing **C.P. brass towel rail** 740mm length, 20mm dia with C.P. brackets fixed to wooden cleats with C.P. brass screws including cost of materials labour complete as per specifications. (P. 70/12.45)-									
Basic Rate	725.00								
Area Weightage 6%	43.50								
Total Rate	768.50								
For Toilet	1	4				4.00			
						4.00	768.50	unit	3074.00
KSRB 13-6.3-1 : Providing and fixing in position **brass gate valve** with CI wheel of approved quality (screwed end) 25mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as perr specifications. Specificaion No. KBS 13.2.2/13.3 (P. 80/13.34)									
Basic Rate	546.00								
Area Weightage 6%	32.76								
Total Rate	578.76								
	1	4				4.00			
						4.00	578.76	Nos	2315.00
16 Providing and fixing **CI Nahani trap** of approved make fixing in CC 1:2:4 and plastering with CM 1:3 wherever necessary (rate is inclusive of cost of materials and fixtures and conveyance of materials to work spot).(P.No - 86 I.No.12/113)									
Basic Rate	220.00								
Area Weightage 6%	13.20								
Total Rate	233.20								
For Toilet	1	4				4.00			
						4.00	233.20	each	933.00

	KSRB 13-11.1 : Providing and placing on terrace, **polyethylene water storage tanks** with manhole and suitable locking arrangements making of suitable diameter for inlet, outlet and over flow pipes including cost of all materials labour, transport charges, HOM of equipments and testing complete as per specifications (For 1000 litre capacity) Specification No. KBS 13.22 (P. 82/13.78)								
	Basic Rate	6451.00							
	Area Weightage 6%	387.06							
	Total Rate	6838.06							
		1	3				3.00		
							3.00	6838.06	Nos	20514.00
12	Providing and fixing Water pump 2.0 HP Motor								
			L.S.					10000.00	each	10000.00
13	Compound wall gate		L/S					10000.00	each	10000.00
			Total cost of Water supply and sanitary works + civil work							1920000.00
1	Elecrification fittings									
							LS			50000.00
2	KPTCL charges for connection and Deposit									
							LS			20000.00
6	Miscellaneous									
							TOTAL Rs			1990000.00
	Rupees Nineteen Lakhs Ninty thousand only									

Certificate :-

1 The Work spot has been inspected and work is necessary
2 The Estimation based on the SR 2012 - 13
3 The Work spot comes under B B M P Limit
4 Provision in the estimate are essential and minimum
5 The Work is not split-up

AE
Yelahanka sub division
Yelahanka

Asst Executive Engineer
Yelahanka sub division
Yelahanka

Executive Engineer
Yelahanka division
Yelahanka

ADMINISTRATIVELY SANCTIONED FOR Rs 19,90,000/-
Rupees Nineteen lakhs ninty thousand only
Under 22.75.1.
Registered as EE ( ) No 99
Subject to conditions contained in enclosed memo EE ( ) No /9/
Dt Estimate A/Sanctioned
JCH&S No 62/13-14
dated 5.7.2013 Rs 19,90,000/-

Technical Sanction is accorded for Rs 19.90 lakhs under CER No 169 Dt: 17.7.13
TA
P. J. Venu
CE 17/07/13

Joint Commissioner
(Yelahanka Zone)
5/7/13

1,10,514